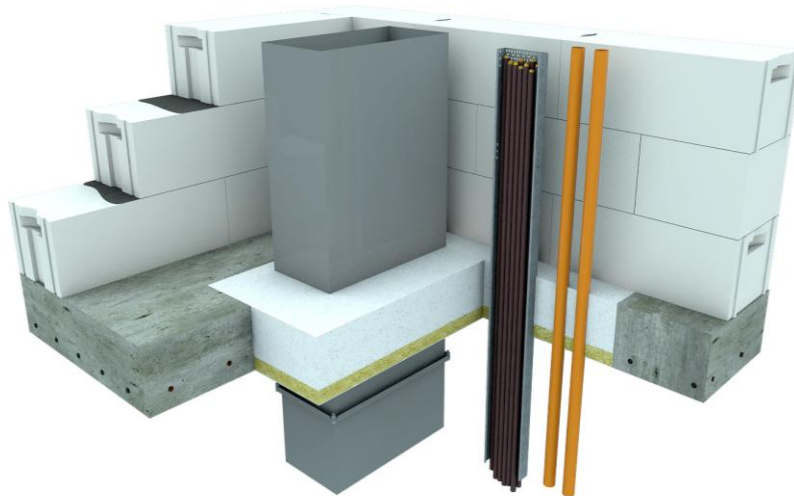




PFC Corofil Firestop Compound



Application

PFC Corofil Firestop Compound is used to provide a fire rated seal around service penetrations in fire rated walls and floors. Tested in accordance with BS476 Part 20:1987.

General benefits:

- Smoke seal
- Suitable for sealing apertures containing copper/steel pipes up to 50mm diameter
- Suitable for sealing apertures containing cables on cable trays or ladders. Trays may be perforated or non perforated maximum size 500mm x 50mm. Ladders to a maximum of 300mm wide made from 1.5mm steel.
- Approved cable references A1, A2, A3, B, C1, C2, C3, D1, D2, D3, E, F, G1, G2; as defined in EN1366-3
- No smoke emission
- Approved for use on London Underground projects
- Up to 6 hours integrity

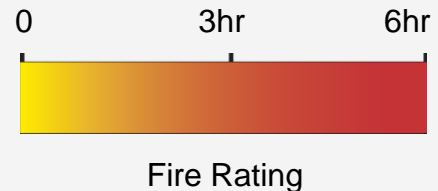
Description

PFC Corofil Firestop Compound is a gypsum based mortar, which is mixed with water to be trowelled or poured around service penetrations.

All service penetrations to be fire protected separately using the correct PFC Corofil product (see separate method statements for installation instructions).

FIRE RATINGS

Tested to BS476 Part 20:1987



TECHNICAL INFORMATION

Available from our technical sales office.

Email tech@pfc-corofil.com for:

- Safety Data Sheet (SDCOMP)
- Installation Instructions (MSCOMP)
- Product Certification



PFC Corofil Firestop Compound

Fire rating in concrete or masonry wall constructions without reinforcement

Minimum thickness of Compound (mm)	Integrity	Insulation excluding penetrations	Maximum aperture dimensions width x height (mm)
75	60	60	1000 x 400
75	120	120	600 x 400
75	240	240	400 x 400
100	60	60	1200 x 600
100	120	120	800 x 600
100	240	240	600 x 600

Fire rating in concrete or masonry walls constructions with reinforcement

Minimum thickness of Compound (mm)	Integrity	Insulation excluding penetrations	Maximum aperture dimensions width x height (mm)
75	60	60	1200 x 1000
75	120	120	1200 x 800
75	240	240	1000 x 800
75	360	360	800 x 800
100	60	60	1400 x 1200
100	120	120	1400 x 1000
100	240	240	1200 x 1000
100	360	360	1000 x 1000

The inclusion of penetrating services through the compound will reduce the insulation performance of the aperture seal, depending upon the individual properties of the penetrating items.

TECHNICAL INFORMATION



Certificate number: FS453/04



P12 37

P12 340

PFC Corofil Firestop Compound

Fire rating in concrete floor slab constructions (without reinforcement)

Minimum thickness of Compound (mm)	Integrity	Insulation excluding penetrations	Maximum aperture dimensions width x height (mm)
75	60	60	1000 x 400
75	120	120	600 x 400
75	240	240	400 x 400
100	60	60	1200 x 600*
100	120	120	1200 x 600*
100	240	240	600 x 600

*Integrity & insulation is dependent on the fire rating of the supporting floor slab

Fire rating in concrete floor slab constructions (with reinforcement)

Minimum thickness of Compound (mm)	Integrity	Insulation excluding penetrations	Maximum aperture dimensions width x height (mm)
75	60	60	1200 x 1000
75	120	120	1200 x 800
75	240	240	1000 x 800
75	360	360	800 x 800
100	60	60	1400 x 1200
100	120	120	1400 x 1000
100	240	240	1200 x 1000
100	360	360	1000 x 1000

The inclusion of penetrating services through the compound will reduce the insulation performance of the aperture seal, depending upon the individual properties of the penetrating items.



PFC Corofil Firestop Compound

Acoustic

Thickness of Compound	Weighted Sound Reduction Index (Rw)
50	39db
100	46db
150	51db

Coverage

Thickness of Compound (mm)	Number of Bags per m ²
75	3.15
100	4.2
150	6.3

These are approximate calculations based on 22kg bags. The coverage does not take into account the percentage of the hole filled with services.

Please order from our technical sales office.

PFC Corofil
 Units 3-4 King George Trading Estate
 Davis Road
 Chessington
 Surrey KT9 1TT

Tel: + 44 (0) 208 391 0533
 Fax: + 44 (0) 208 391 2723
 Email: sales@pfc-corofil.co.uk
www.pfc-corofil.co.uk